

FROM: John E. Cort, AIA, LEED AP

The Architects have analyzed the bids received on June 30, 2021 for the four (4) bid packages. The Architect recommends award of the Base Bid and Alternate 1, Planter Walls and Alternate 2, Allegion/Avigilon Security and Access Control Systems to BSI (Buchanan and Sons), License No. 53244, PO Box 123, Whittier, NC 28789 for Bid Package 1, Smoky Mountain High School; Bid Package 2 Fairview Elementary School; Bid Package 3 Blue Ridge School, and Bid Package 4 Smokey Mountain Elementary School. The Architect does not recommend acceptance of Alternative 3 due to the Contractor stating the Base Bid included Allegion/VonDuprin exit devices.

A summary of each Contract is as follows:

Smoky Mountain High School (A)

Base Bid	\$2,505,000.00
Alternate No. 1	\$43,000.00
Alternate No. 2	\$0.00
Total Contract Award Bid Package 1	\$2,548,000.00

Fairview Elementary School (B)

Base Bid	\$1,820,000.00
Alternate No. 1	\$54,300.00
Alternate No. 2	\$0.00
Total Contract Award Bid Package 2	\$1,874,300.00

Blue Ridge School (C)

Base Bid	\$1,750,000.00
Alternate No. 1	N/A
Alternate No. 2	\$0.00
Total Contract Award Bid Package 3	\$1,750,000.00

Smokey Mountain Elementary School (D)

Base Bid	\$850,000.00
Alternate No. 1	N/A
Alternate No. 2	\$0.00
Total Contract Award Bid Package 4	\$850,000.00

SUMMARY

Smoky Mountain High School	Bid Package A	\$2,548,000
Fairview Elementary School	Bid Package B	\$1,874,300
Blue Ridge School	Bid Package C	\$1,750,000
Smokey Mountain Elementary School	Bid Package D	\$850,000
TOTAL CONTRACT AWARD	Bid Packages A, B, C & D	\$7,022,300

In addition to Construction Contracts are project costs including Construction Contingency, Testing Services, Architectural and Engineering Services, and Other Costs.

A Construction Contingency is typically allocated at 5% of initial Contract Award to fund unanticipated conditions encountered during construction. For Security Upgrades, the unit prices and allowances specified in the Base Bid are in excess of a 5% typical allocation, therefore the Architect recommends zero dollars (\$0) be allocated for contingency and the value of allowances in the Contract be used to fund construction contingency.

Testing Services paid for by the Owner are for foundation bearing capacity, concrete testing for foundations and concrete pavement, retaining wall grout fill testing, proof rolling and asphalt pavement density. The typical allocation for testing is 1% of the initial construction bid amount.

Architectural and Engineering fees for initial studies, Schematic Design, Design Development, Bid Documents, Approval of Authorities having Jurisdiction, and Construction Contract Administration are 7.4% of the Construction Contract amount.

Other costs paid by the Owner are for topographic surveys, approval fees and utility depletion fees not specifically stated in the Construction Contract to be paid for by the Contractor. The typical allocation is 1% of the initial construction bid amount for other costs.

Total project cost after award of contract less amounts billed prior to June 30, 2021:

Construction Contract Amount	\$7,022,300.00
Less \$0 Previously Paid	\$0.00
	\$7,022,300.00
Additional Funding Required:	\$7,022,300.00

Construction Contingency	
\$483,200 in Base Bid Allowances	
Exceeds 5% of Contract Amount	
Additional Funding Required:	\$0.00

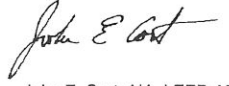
Testing Services	
Will be performed during the construction Process	
Allocated at 1% of Contract Amount	
Additional Funding Required	\$70,200.00

Architectural and Engineering Services	
Are 7.4% of the Construction Contract Amount	
or \$519,650 less \$252,707 previously paid	\$266,947.00
Additional Funding Required:	\$266,947.00

Other Costs are costs allocated at 1% of Contract Amount	
for surveys and administrative costs or	
\$70,200 less \$20,000 (estimated) previously paid	\$50,000.00
Additional Funding Required:	\$50,000.00

TOTAL ADDITIONAL FUNDING REQUIRED	\$7,409,447.00
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JCPS SECURITY UPGRADES JACKSON COUNTY, NC--JUNE 30, 2021

mcmillan pazdan smith ARCHITECTURE										BID PACKAGE			
BIDDER	Licens e No.	Bond 5%	MBE Y/N	Addenda 1, 2, 3, 4				BASE BID:	A Smoky Mountain High School	B Fairview Elementary School	C Blue Ridge School	D Smokey Mountain Elementary School	
1. Brantley Construction Inc.	63208			1	2	3	4		NO BID	NO BID	NO BID	NO BID	
Subcontractors								Alt. No. 1	NO BID	NO BID	NO BID	NO BID	
Site Fire Protection NO BID								Alt. No. 2 - Proprietary Alternate	NO BID	NO BID	NO BID	NO BID	
Electrical NO BID								Alt. No. 3 - Proprietary Alternate	NO BID	NO BID	NO BID	NO BID	
2. BSI-Construction	53244	✓	✓	1	2	3	4	BASE BID:	\$2,505,000.00	\$1,820,000.00	\$1,750,000.00	\$850,000.00	
Subcontractors								Alt. No. 1	\$43,000.00	\$54,300.00	N/A	N/A	
Site Fire Protection - Buchanan and Sons Inc.								Alt. No. 2 - Proprietary Alternate	\$0.00	\$0.00	\$0.00	\$0.00	
Electrical: Quality Electric of WNC - Whittier, NC Access Control: National Communications, Inc. - Franklin NC Hardware Supplier: Cook and Boardman - Simpsonville, SC								Alt. No. 3 - Proprietary Alternate	\$55,000.00	\$56,200.00	\$24,000.00	\$16,200.00	
3. DB Earthworks	78691							BASE BID:	NO BID	NO BID	NO BID	NO BID	
Subcontractors								Alt. No. 1	NO BID	NO BID	NO BID	NO BID	
Site Fire Protection NO BID								Alt. No. 2 - Proprietary Alternate	NO BID	NO BID	NO BID	NO BID	
Electrical NO BID								Alt. No. 3 - Proprietary Alternate	NO BID	NO BID	NO BID	NO BID	
4. H&M Constructors	1245	✓	✓	1	2	3	4	BASE BID:	\$3,352,000.00	\$2,400,000.00	NO BID	NO BID	
Subcontractors								Alt. No. 1	\$75,000.00	\$60.00	NO BID	NO BID	
Site Fire Protection: Parker Excavating								Alt. No. 2 - Proprietary Alternate	\$0.00	\$0.00	NO BID	NO BID	
Electrical: Haynes Electrical								Alt. No. 3 - Proprietary Alternate	\$0.00	\$0.00	NO BID	NO BID	
ALTERNATES:													
ALTERNATE NO. 1: Provide all Work to construct and back fill "planter walls" as shown on the drawings.													
ALTERNATE NO. 2: PROPRIETARY ALTERNATE Provide Allegion/Avigilon security and access control systems													
ALTERNATE NO. 3: PROPRIETARY ALTERNATE Provide Allegion/Von Duprin exit devices and power supplies													
This is to certify that this is an exact copy of the tabulation of bids received at 3:00 p.m. June 30, 2021 for Jackson County Public Schools Security Upgrades, Jackson County, NC													
 John E. Cort, AIA, LEED AP													

MPS PROJECT #019605.02/BID TABULATION WITH
UNIT PRICES AND VALUE OF ALLOWANCES
JCPS SECURITY UPGRADES JACKSON COUNTY, NC
BID DATE 6-30-21

Unit Prices and Allowances	BSI A	VALUE OF ALLOWANCE	BSI B	VALUE OF ALLOWANCE	BSI C	VALUE OF ALLOWANCE	BSI D	VALUE OF ALLOWANCE	H&M A	VALUE OF ALLOWANCE	H&M B	VALUE OF ALLOWANCE
Unit Price No. 1: Rock Excavation – Trenching removed from site. 10 cubic yards.	\$1.00	\$10	\$1	\$10	\$460	\$4,600	\$1	\$10	\$300	\$3,000	\$300	\$3,000
Unit Price No. 2: Rock Excavation - Open Areas removed from site. 10 cubic yards.	\$1.00	\$10	\$1	\$10	\$380	\$3,800	\$1	\$10	\$300	\$3,000	\$300	\$3,000
Unit Price No. 3: Undercut Earth Excavation removed from site. 100 cubic yards.	\$13.50	\$1,350	\$13.50	\$1,350	\$13.50	\$1,350	\$13.50	\$1,350	\$28	\$2,800	\$28	\$2,800
Unit Price No. 4: Earth Excavation and fill with offsite borrow material in place. 100 cubic yards.	\$25.00	\$2,500	\$25	\$2,500	\$25	\$2,500	\$25	\$2,500	\$25	\$2,500	\$25	\$2,500
Unit Price No. 5: Stone Fill NCDOT ABC in place. 50 tons.	\$35.00	\$1,750	\$35	\$1,750	\$35	\$1,750	\$35	\$1,750	\$65	\$3,250	\$65	\$3,250
Unit Price No. 6: Washed Stone Fill NCDOT No. 57 in place. 10 tons.	\$44.00	\$440	\$44	\$440	\$44	\$440	\$44	\$440	\$72	\$720	\$72	\$720
Unit Price No. 7: 3" Washed Stone Fill in place. 10 tons.	\$56.00	\$560	\$56	\$560	\$56	\$560	\$56	\$560	\$75	\$750	\$75	\$750
Unit Price No. 8: Clean NCDOT Class A or Class B Rip Rap Stone in place. 10 tons.	\$48.00	\$480	\$48	\$480	\$48	\$480	\$48	\$480	\$85	\$850	\$85	\$850
Unit Price No. 9: Geotextile Fabric (Mirafi HP370) per 100 sq. yds in place. 200 sq yds.	\$500.00	\$1,000	\$500	\$1,000	\$500	\$1,000	\$500	\$1,000	\$650	\$1,300	\$650	\$1,300
Unit Price No. 10: 6" Sub Drain (French Drain) in place. 100 linear feet.	\$24.00	\$2,400	\$24	\$2,400	\$24	\$2,400	\$24	\$2,400	\$52	\$5,200	\$52	\$5,200
Unit Price No. 11: Asphalt Pavement Surface and Base in place. 25 square yards.	\$56.00	\$1,400	\$56	\$1,400	\$56	\$1,400	\$56	\$1,400	\$60	\$1,500	\$60	\$1,500
Unit Price No. 12: Concrete Pavement and Base in place. 25 square yards.	\$98.00	\$2,450	\$98	\$2,450	\$98	\$2,450	\$98	\$2,450	\$150	\$3,750	\$150	\$3,750
Unit Price No. 13: Foundation Concrete in place. 50 cubic yards.	\$345.00	\$17,250	\$345	\$17,250	\$345	\$17,250	\$345	\$17,250	\$400	\$20,000	\$400	\$20,000
Unit Price No. 14: Reinforcing Steel in place. 10 tons.	\$1,785.00	\$17,850	\$1,785	\$17,850	\$1,785	\$17,850	\$1,785	\$17,850	\$1,500	\$15,000	\$1,500	\$15,000
Unit Price No. 15: 12" Concrete Masonry Unit, Reinforced, in place. 100 units.	\$15.00	\$1,500	\$15	\$1,500	\$15	\$1,500	\$15	\$1,500	\$20	\$2,000	\$20	\$2,000
Unit Price No. 16: Concrete Stone Veneer, Reinforced, in place. 70 square feet.	\$18.00	\$1,260	\$18	\$1,260	\$18	\$1,260	\$18	\$1,260	\$40	\$2,800	\$40	\$2,800
Unit Price No. 17: Concrete Wall Cap, each in place. 10 units.	\$190.00	\$1,900	\$190	\$1,900	\$190	\$1,900	\$190	\$1,900	\$300	\$3,000	\$300	\$3,000
Unit Price No. 18: 6" Ductile Iron Pipe, in place. 100 Linear feet.	\$95.00	\$9,500	\$95	\$9,500	\$95	\$9,500	\$95	\$9,500	\$88	\$8,800	\$88	\$8,800
Unit Price No. 19: Yard Drain, in place. 10 units.	\$1,800.00	\$18,000	\$1,800	\$18,000	\$1,800	\$18,000	\$1,800	\$18,000	\$4,950	\$49,500	\$4,950	\$49,500
Unit Price No. 20: Precast Concrete Conflict Manhole Assy., each in place. 2 units.	\$2,800.00	\$5,600	\$2,800	\$5,600	\$2,800	\$5,600	\$2,800	\$5,600	\$9,250	\$18,500	\$9,250	\$18,500
Unit Price No. 21: Water Line Replacement (3" Dia and less PVC): 50 Linear feet.	\$26.00	\$1,300	\$26	\$1,300	\$26	\$1,300	\$26	\$1,300	\$77	\$3,850	\$77	\$3,850
Unit Price No. 22: Water Line Replacement (4" Dia. or 6" Dia. DIP): 50 Linear feet.	\$148.00	\$7,400	\$148	\$7,400	\$148	\$7,400	\$148	\$7,400	\$95	\$4,750	\$95	\$4,750
Unit Price No. 23: Water Line Tie-in (3" Dia. and less), each in place: 4 units.	\$1,800.00	\$7,200	\$1,800	\$7,200	\$1,800	\$7,200	\$1,800	\$7,200	\$4,550	\$18,200	\$4,550	\$18,200
Unit Price No. 24: Water Line Tie-in (6" Dia. and 4" Dia.), each in place: 4 units.	\$2,000.00	\$8,000	\$2,000	\$8,000	\$2,000	\$8,000	\$2,000	\$8,000	\$5,750	\$23,000	\$5,750	\$23,000
Unit Price No. 25: Water Line Valve Assy. (3" Dia. and less), each in place: 4 units.	\$900.00	\$3,600	\$900	\$3,600	\$900	\$3,600	\$900	\$3,600	\$2,930	\$11,720	\$2,930	\$11,720
Unit Price No. 26: Water Line Valve Assy. (6" Dia. and 4" Dia.), each in place: 4 units.	\$1,000.00	\$4,000	\$1,000	\$4,000	\$1,000	\$4,000	\$1,000	\$4,000	\$3,490	\$13,960	\$3,490	\$13,960
		\$118,710		\$118,710		\$127,090		\$118,710		\$223,700		\$223,700

This is to certify that this is an exact copy of the tabulation of bids received at 3:00 p.m. June 30, 2021 for Jackson County Public Schools Security Upgrades, Jackson County, NC



John E. Cort, AIA, LEED AP